United States Environmental Protection Agency
Pollution Report

I. HEADINGS

DATE: January 19, 2001

SUBJECT: Pollution Report for the Mahoningside Power Plant Site, Warren, Trumbull County, Ohio

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POLREP 9 - Fund-lead Removal

II. BACKGROUND

Site No:	B5P4
NPL Status:	Non-NPL
Response Authority	CERCLA
State Notification:	Ohio EPA
Mobilization Date:	October 10, 2000 (August 7, 2000 for water treatment)
Completion Date:	TBD
Latitude:	41°14'37.5" N
Longitude:	80°49'42.8" W
CERCLA Incident Category:	Removal - Fund-lead

III. SITE INFORMATION

A. Incident Category: Removal- Fund-lead

B. Site Description

1. Site Location and Background

The Mahoningside Power Plant site is located at 650 Summit Street in Warren, Trumbull County, Ohio. The geographical coordinates for the site are latitude 41°14'37.5" north and longitude 80°49'42.8" west. The site is located in a mixed residential, industrial, and commercial area. The site is bordered to the south by Summit Road. A railroad line is located to the north of the site. The west portion of the site is bound by Tod Avenue, and to the east of the site is the Mahoning River and Mahoning Avenue. There is a school within one mile of the site (to the south). Approximately one half mile to the southeast of the site is City Hall, and there is a city park less than 1/4 mile to the south.

For background information, see POLREP 1.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

On October 10, 2000, U.S. EPA initiated a removal action at the Mahoningside Power Plant site to stabilize and remove PCB and potential mercury contaminated soils, debris, and sediments. U.S. EPA has completed its initial round of cleaning sumps and drains from the basement of the former power plant. Sampling of the Mahoning River to estimate the extent of PCB contamination has been completed. Sub-surface sampling to identify potential areas of PCB contamination has been completed. To date an estimated 413 tons of PCB-contaminated waste and 25 pounds of mercury waste have been transported off-site for final disposal. A waste water treatment system (WWTS) continues to treat PCB contaminated water that is infiltrating the structure of the former facility. Contaminated soil and soft-shale are currently being excavated and staged from the structure's sub-surface.

2. Removal actions to date:

On January 12, 2001, Emergency Rapid Response Services (ERRS) contractors continued WWTS operation/maintenance and continued removing concrete from the basement structure in the areas identified for subsurface excavation activities. Site security continued during non-working hours.

On January 15, 2001, ERRS continued WWTS operation and maintenance. ERRS also continued concrete removal and began decontaminating pieces of concrete which were removed. START collected a composite sample of the material in an underground storage tank and pit, processed the sample, and shipped the sample to an independent laboratory for PCB, RCRA metals, volatile organic compound and semi-volatile compound analysis. Site security continued during non-working hours.

On January 16, 2001, ERRS continued WWTS operation and maintenance, concrete removal, and

decontamination of the removed concrete. ERRS also initiated subsurface excavation of PCB contaminated materials and constructed staging areas for this material. After excavation, the material will be stabilized with kiln dust. Site security continued during non-working hours.

On January 17, 2001, ERRS continued WWTS operation and maintenance, concrete removal, decontamination of the removed concrete, subsurface excavation and staging of PCB contaminated materials. As the excavation progresses, samples are being collected of the shale and soil material and field screened for potential PCB contamination. Site security continued during non-working hours.

On January 18-19, 2001, ERRS continued WWTS operation and maintenance, concrete removal, and decontamination of the removed concrete, subsurface excavation, and staging of PCB contaminated materials. Site security continued during non-working hours.

B. Next Steps

- Assess PCB contamination in the river bottom at the discharge pipe base.
- Continue activities to remove remaining PCB contamination which exceeds TSCA limits.
- Conduct confirmatory sampling after excavations to verify PCB cleanup level has been achieved.
- Dispose of additional PCB waste.
- Review analytical data from tank/pit sampling.
- Develop and implement disposal/treatment plan for tank/pit material.

C. Key Issues

- On January 19, 2001, U.S. EPA participated in a site strategy and update meeting for the Mahoningside redevelopment project. The meeting was geared to bring all participating parties up to speed with the progress of the site; and, develop funding strategies for continuance of demolition abatement and redevelopment. The site's progress relating to the environmental clean-up was well received and a site tour was conducted. The participating parties were the City of Warren, the Ohio Department of Development, Ohio EPA, U.S. EPA, McCabe Engineering, and First Energy.

V. Cost Information

Estimated Costs To Date (as of 01-18-01):

ERRS	$514,818
EPA	$ 30,500
START	$ 30,910
Total	$576,228

VI. Disposition of Wastes

Wastestream	Est. Quantity (total)	Disposal Method	Disposal Facility
Waste polychlorinated biphenyls (PCBs), solid	413 tons	Landfill	CWM-Chemical Services LLC, Model City, NY

Waste mercury, solid	25 lbs	Treatment and Landfill	Bethlehem Apparatus Hellertown, PA